
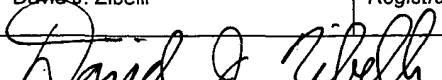


Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | |
|---|--|---|
| UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))</small> | | Attorney Docket No. 12210/21 First Inventor Patrick J. DONOGHUE et al. Title SYSTEM AND METHOD FOR VERTICAL PATH NAVIGATION Express Mail Label No. |
| APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small> | | ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231 |
| <div style="display: flex; justify-content: space-between;"><div style="width: 48%;"><p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small></p><p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p><p>3. <input checked="" type="checkbox"/> Specification [Total Pages <input type="text" value="25"/>] <small>(preferred arrangement set forth below)</small> - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure</p><p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C.113) [Total Sheets <input type="text" value="13"/>]</p><p>5. Oath or Declaration [Total Pages <input type="text"/></p><div style="margin-left: 20px;"><p>a. <input type="checkbox"/> Newly executed (original or copy)</p><p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <small>(for a continuation/divisional with Box 18 completed)</small></p><p>i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></p></div><p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p></div><div style="width: 48%;"><p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i></p><p>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i></p><div style="margin-left: 20px;"><p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p><p>b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper</p><p>c. <input type="checkbox"/> Statements verifying identity of above copies</p></div></div></div> | | ACCOMPANYING APPLICATIONS PARTS |
| <p>9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small></p> <p>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small></p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other:</p> | | <p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:</p> <div style="display: flex; justify-content: space-between;"><div><p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)</p><p>Prior application information: Examiner _____</p></div><div><p>of prior application No: _____ / Group / Art Unit: _____</p></div></div> <p>For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p> |
| 19. CORRESPONDENCE ADDRESS | | |
| <div style="display: flex; align-items: center;"><div style="flex: 1;"><input checked="" type="checkbox"/> Customer Number or Bar Code Label</div><div style="flex: 1; text-align: center;"> <small>(Insert Customer No. or Attach Bar code label here)</small></div><div style="flex: 1; text-align: right;"><input type="checkbox"/> Correspondence address below</div></div> | | |
| <div style="display: flex;"><div style="width: 15%;">Name</div><div style="width: 85%; text-align: center;"><div style="font-size: 1.5em; font-weight: bold;">23838</div><div style="font-size: 0.8em; font-weight: bold;">PATENT TRADEMARK OFFICE</div></div></div> | | |
| <div style="display: flex;"><div style="width: 15%;">Address</div><div style="width: 85%;"></div></div> | | |
| <div style="display: flex;"><div style="width: 15%;">City</div><div style="width: 30%;">State</div><div style="width: 20%;">Zip Code</div><div style="width: 35%;"></div></div> | | |
| <div style="display: flex;"><div style="width: 30%;">Country</div><div style="width: 20%;">Telephone</div><div style="width: 20%;">Fax</div><div style="width: 30%;"></div></div> | | |
| <div style="display: flex;"><div style="width: 25%;">Name (Print/Type)</div><div style="width: 25%;">David J. Zibelli</div><div style="width: 25%;">Registration No. (Attorney/Agent)</div><div style="width: 25%;">36,394</div></div> | | |
| <div style="display: flex;"><div style="width: 25%;">Signature</div><div style="width: 25%; text-align: center;"></div><div style="width: 25%;">Date</div><div style="width: 25%;">July 28, 2003</div></div> | | |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

03807 U.S. PTP
18/627682
07/28/03

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 1968**Complete if Known**

| | |
|----------------------|----------------------------|
| Application Number | Unknown |
| Filing Date | July 28, 2003 |
| First Named Inventor | Patrick J. DONOGHUE et al. |
| Examiner Name | |
| Group / Art Unit | |
| Attorney Docket No. | 12210/21 |

METHOD OF PAYMENT (check all that apply)
☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:Deposit
Account
Number

11-0600

Deposit
Account
Name

Kenyon & Kenyon

The Commissioner is authorized to: (check all that apply)
☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
FEE CALCULATION**1. BASIC FILING FEE**

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1001 | 750 | 2001 | 375 | Utility filing fee | 750 |
| 1002 | 330 | 2002 | 165 | Design filing fee | |
| 1003 | 520 | 2003 | 260 | Plant filing fee | |
| 1004 | 750 | 2004 | 375 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |

SUBTOTAL (1)

(\$ 750)

2. EXTRA CLAIM FEES

| | Extra Claims | Fee from below | Fee Paid |
|---------------------------------|--------------|----------------|----------|
| Total Claims 55 -20 ** = 35 | X 18 | = 630 | |
| Independent Claims 10 -3 ** = 7 | X 84 | = 588 | |
| Multiple Dependent | X | = 0 | |

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|--|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 84 | 2201 | 42 | Independent claims in excess of 3 |
| 1203 | 280 | 2203 | 140 | Multiple dependent claim, if not paid |
| 1204 | 84 | 2204 | 42 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

(\$ 1218)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------|----------|----------|----------|--|----------|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet. | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 410 | 2252 | 205 | Extension for reply within second month | |
| 1253 | 930 | 2253 | 465 | Extension for reply within third month | |
| 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | |
| 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | |
| 1401 | 320 | 2401 | 160 | Notice of Appeal | |
| 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | |
| 1403 | 280 | 2403 | 140 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional | |
| 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) | |
| 1502 | 470 | 2502 | 235 | Design issue fee | |
| 1503 | 630 | 2503 | 315 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17 (q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |

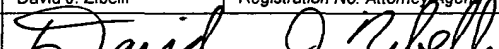
Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0)

SUBMITTED BY**Complete (if applicable)**

| | | | | | |
|-------------------|---|---------------------------------|--------|-----------|---------------|
| Name (Print/Type) | David J. Zibelli | Registration No. Attorney/Agent | 36,394 | Telephone | 202/220-4200 |
| Signature |  | | | Date | July 28, 2003 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.